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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/620,812
Filing Date	July 17, 2003
First Named Inventor	Joachim BUENGER et al.
Group Art Unit	1616
Examiner Name	Marina LAMM
Attorney Docket Number	MERCK-2206-P01

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No.¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code² (if known)		
uu	1	2,649,397		Ballard	08-18-1953
	2	5,047,409		Di Schiena et al.	09-10-1991
	3	5,403,845		Dunbar et al.	04-04-1995
	4	4,346,105		Sallmann et al.	08-24-1982
	5	5,204,099		Barbier et al.	04-20-1993
	6	5,738,858		A. Burger	04-14-1998
	7	5,827,508		Tanner et al.	10-1998
	8	6,403,112		Motitschke et al.	06-11-2002
	9	5,789,414		Lapidot et al.	08-04-1998
	10	5,972,718		Moghaddam et al.	10-26-1999
	11	6,267,973		Motitschke et al.	07-31-2001
	12	6,551,971		Cobbley et al.	04-22-2003
	13	6,638,543		Kang et al.	10-28-2003
	14	6,153,176		Kaleta et al.	11-28-2000
	15	6,060,071		Motitschke et al.	05-09-2000
	16	4,529,587		Green et al.	07-16-1985
	17	6,057,282		Desai et al.	05-02-2000
	18	5,780,042		Gers-Barlag et al.	07-14-1998
	19	2003/0157040		Bunger et al.	08-21-2003
	20	6,602,514		Bunger et al.	08-05-2003
	21	2003/0114358		Galinski et al.	06-19-2003
uu	22	2004/0043940		Bunger et al.	03-04-2004
	23	08/355,275			
	24	08/746,253			
	25	09/834,076			
	26	08/953,088			
	27	08/425,285			
	28	09/744,766			
	29	10/355,149			
	30	09/744,945			
	31	10/620,812			
	32	09/744,767			
	33	10/239,394			
	34	10/239,073			
	35	10/363,460			
	36	10/363,789			

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		Examiner Name	Marina LAMM
		Attorney Docket Number	MERCK-2206-P01
Sheet	21	of	21

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
uu	75	Galinski et al., "1,4,5,6-Tetrahydro-2-methyl-4-pyrimidinecarboxylic Acid," <i>Eur. J. Biochem.</i> 149:135-39 (1985).	
	76	Idson, B., "Dry Skin Moisturizing and Emolliency," <i>Cosmetics & Toiletries</i> 107:69-78 (1992)	
	77	Severin et al., "The Predominant Role of Recently Discovered Tetrahydropyrimidines For The Osmoadaptation of Halophilic Eubacteria," <i>Journal of General Microbiology</i> 138:1629-38 (1992).	
	78	J. Bunger : PARfumerie und kosmetik, vol. 79, no. 11, november 1998 pp. 32-35	
	79	KREZEL, I., "Antitumor activity of new derivatives of 1,3-diazaheterocycles," <i>Pharmazie</i> , vol. 53, no. 9, pp. 614-617, 1998.	
	60	ADAMS J.L. et al., "cis-4-Carboxy-6-(mercaptomethyl)-3,4,5,6-tetrahydropyrimidin-2(1H)-one, a potent inhibitor of mammalian dihydroorotase," <i>J.Med.Chem.</i> , vol. 31, no. 7, pp. 1355-1359, 1988.	
	61	DOI, MASAKO ET AL., "Cosmetic compositions containing plant extracts having moisture-retaining effects," Ichimaru Pharcos Inc., Japan, Japanese patent no. 2000053557, abstract.	
	62	SODERLING, EVA ET AL., "Betaine-containing toothpaste relieves subjective symptoms of dry mouth," Sandinavian University Press, 1998, pages 65-69, vol. 56, vol. 2.	
uu	63	RonaCare™ The Cell Protection Factor, Merck KgaA, Darmstadt, Germany, Ingredients for Cosmetics, August 2000.	

Examiner Signature		Date Considered	3/30/06
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37	5,665,366	A. Rawlings et al.	09-09-1997
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Office ²	Number ⁴	Kind Code ³ (if known)				
	38	JP	2104577			1990		8
	39	JP	3086867			11-01-91		8
	40	JP	3031265			12-02-91		8
	41	WO	94/15923			07-21-94		
	42	EP	0 553 884			08-04-93		9
	43	EP	0 888 542			09-14-83		10
	44	DE	2 154 948			05-10-73		11
	45	DE	2 132 079			01-11-73		8
	46	WO	9617,690			06-1996		12
	47	WO	98 13020		Unilever PLC	04-02-1998		13
	48	EP	0 275 719		Charles of The Ritz Group LTD	07-27-1988		14
	49	DE	4244580		Galinski et al.	07-1994		
hu	50	EP	0 671 161		Motitschke et al.	09-1995		15
hu	51	DE	4342560			06-22-1995		8
	52	DE	2746650			04-26-1979		16
	53	DE	2614723			04-26-1979		56
	54	GB	2114886			09-11-1983		
	55	EP	647469			04-12-1995		17
	56	DE	19933466			01-13-2000		
	57	DE	19933463			01-13-2000		
	58	DE	19933464			01-13-2000		
	59	DE	19933461			01-13-2000		
	60	DE	19933460			01-13-2000		
	61	WO	94 04128			03-03-1994		18
	62	DE	19834816			02-03-2000		19
	63	DE	199 11 775			02-03-2000		20
	64	DE	198 34 818			02-03-2000		
	65	EP	0915167			05-12-1999		
	66	WO	0007558			02-17-2000		19
	67	JP	9143167			06-03-1997		
	68	WO	0158446			08-16-2001		21
	69	WO	0172263			10-04-2001		22
	70	DE	10006578			08-23-2001		
	71	WO	0076528			12-21-2000		
	72	GB	1513659			06-07-1978		
	73	WO	0207622					
	74	WO	0302146					

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